

SEQUENCE LISTING

<110> Whitehouse, Martha Jo

<120> Methods and Compositions for the
Treatment and Prevention of Erectile Dysfunction

<130> 1671.003 (35784/208786)

<150> 60/188,480

<151> 2000-03-10

<150> 60/203,415

<151> 2000-05-11

<160> 9

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 441

<212> DNA

<213> Bos taurus

<220>

<221> CDS

<222> (1)...(441)

<400> 1

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ttc aaa gat cca aaa cga cta tat tgt aaa aac ggg ggg ttc ttc cta	96
Phe Lys Asp Pro Lys Arg Leu Tyr Cys Lys Asn Gly Gly Phe Phe Leu	
20 25 30	

cga atc cac cca gat ggg cga gta gat ggg gta cga gaa aaa tcc gat	144
Arg Ile His Pro Asp Gly Arg Val Asp Gly Val Arg Glu Lys Ser Asp	
35 40 45	

cca cac atc aaa cta caa cta caa gcc gaa gaa cga ggg gta gta tcc	192
Pro His Ile Lys Leu Gln Leu Gln Ala Glu Glu Arg Gly Val Val Ser	
50 55 60	

atc aaa ggg gta tgt gcc aac cga tat cta gcc atg aaa gaa gat ggg	240
Ile Lys Gly Val Cys Ala Asn Arg Tyr Leu Ala Met Lys Glu Asp Gly	
65 70 75 80	

cga cta cta gcc tcc aaa tgt gta acc gat gaa tgt ttc ttc ttc gaa	288
Arg Leu Leu Ala Ser Lys Cys Val Thr Asp Glu Cys Phe Phe Phe Glu	
85 90 95	

cga cta gaa tcc aac aac tat aac acc tat cga tcc cga aaa tat tcc	336
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SECRET

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Phe Lys Asp Pro Lys Arg Leu Tyr Cys Lys Asn Gly Gly Phe Phe Leu 20 25 30	
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Pro His Ile Lys Leu Gln Leu Gln Ala Glu Glu Arg Gly Val Val Ser 50 55 60	
Ile Lys Gly Val Cys Ala Asn Arg Tyr Leu Ala Met Lys Glu Asp Gly 65 70 75 80	
Arg Leu Leu Ala Ser Lys Cys Val Thr Asp Glu Cys Phe Phe Phe Glu 85 90 95	
Arg Leu Glu Ser Asn Asn Tyr Asn Thr Tyr Arg Ser Arg Lys Tyr Ser 100 105 110	
Ser Trp Tyr Val Ala Leu Lys Arg Thr Gly Gln Tyr Lys Leu Gly Pro 115 120 125	
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Lys Ser 145	

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<220>
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 <211> 155
 <212> PRT
 <213> Bos taurus

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 Tyr Cys Lys Asn Gly Gly Phe Phe Leu Arg Ile His Pro Asp Gly Arg
 35 40 45
 Val Asp Gly Val Arg Glu Lys Ser Asp Pro His Ile Lys Leu Gln Leu
 50 55 60
 Gln Ala Glu Glu Arg Gly Val Val Ser Ile Lys Gly Val Cys Ala Asn
 65 70 75 80
 Arg Tyr Leu Ala Met Lys Glu Asp Gly Arg Leu Leu Ala Ser Lys Cys
 85 90 95
 Val Thr Asp Glu Cys Phe Phe Phe Glu Arg Leu Glu Ser Asn Asn Tyr
 100 105 110
 Asn Thr Tyr Arg Ser Arg Lys Tyr Ser Ser Trp Tyr Val Ala Leu Lys
 115 120 125
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 130 135 140
 Ala Ile Leu Phe Leu Pro Met Ser Ala Lys Ser
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<210> 7
 <211> 474
 <212> DNA
 <213> Homo sapiens

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 Gly Ser Gly Ala Phe Pro Pro Gly His Phe Lys Asp Pro Lys Arg Leu
 20 25 30
 tac tgc aaa aac ggg ggc ttc ttc ctg cgc atc cac ccc gac ggc cga 144
 Tyr Cys Lys Asn Gly Gly Phe Phe Leu Arg Ile His Pro Asp Gly Arg
 35 40 45
 gtt gac ggg gtc cgg gag aag agc gac cct cac atc aag cta caa ctt 192
 Val Asp Gly Val Arg Glu Lys Ser Asp Pro His Ile Lys Leu Gln Leu
 50 55 60
 caa gca gaa gag aga gga gtt gtg tct atc aaa gga gtg tgt gct aac 240
 Gln Ala Glu Glu Arg Gly Val Val Ser Ile Lys Gly Val Cys Ala Asn
 65 70 75 80

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